

Claims:

1. A tool holder (1; 21) intended to receive a
5 flexibly deformable tool (12; 26), comprising an
elongate body (2; 22) with a channel intended to
receive the end of the tool (12; 26), the channel
having a cylindrical part (3; 32) parallel to the
10 body (2; 22) and a part (4; 27) opening to the
outside of the body (2; 22), widening toward the
outside of the body (2; 22) and guiding the tool
(12; 26) toward the cylindrical part (3; 32) when
it is being fitted in the tool holder (1; 21), and
15 means (5, 13; 28, 29) which keep the tool (12; 26)
in position and are arranged in such a way that
the axis of the tool (12; 26) in the operating
phase is not parallel to the axis of the body (2;
22), the part (4; 27) which opens to the outside
20 of the body (2; 22) permitting introduction of the
tool (12; 26) into the body (2; 22) by a
displacement of the tool (12; 26) along the axis
of the cylindrical part (3; 32) of the channel,
wherein the part (4; 27) opening to the outside of
25 the body comprises a surface whose generatrices are
substantially parallel to the axis of the
cylindrical part of the channel and which extends
from the cylindrical part (3; 32) to outside of
the body.
- 30 2. The tool holder as claimed in claim 1, wherein the
part (4; 27) opening to the outside of the body
has configurations allowing it to avoid contact
with the tool during its stages of flexion and
fixation and when said tool is in the operating
35 position.
3. The tool holder as claimed in claim 1, wherein the
means (5, 13; 28, 29) for holding the tool (12;
26) in position comprise, on the body (2; 22), a

threaded end (5; 28) onto which an internally threaded ring (13; 29) connected to the tool (12; 26) is screwed.

- 5 4. The tool holder as claimed in claim 1, wherein the means for holding the tool (12; 26) in position comprise, on the body, an end which cooperates with a ring connected to the tool (12; 26) in order to form a bayonet-type connection system.
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5. The tool holder as claimed in claim 1, wherein the means for holding the tool (12; 26) in position comprise, on the body, clip means which cooperate with complementary clip means on a ring connected
- 15 to the tool (12; 26).
6. The tool holder as claimed in claim 1, wherein the means for holding the tool (12; 26) in position comprise, on the body, shape-fit means which
- 20 cooperate with complementary shape-fit means on a ring connected to the tool (12; 26).
7. The tool holder as claimed in claim 1, wherein, in the area of the cylindrical part of the channel
- 25 (3; 32), it has means (25) for guiding the tool (26) in rotation.
8. A device comprising the tool holder (1; 21) as claimed in claim 1 and a flexibly deformable tool
- 30 (12; 26) connected to a ring (13; 29).
9. The device as claimed in claim 8, wherein the tool (12; 26) is connected to the ring (29) by a pivot connection.
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10. The device as claimed in claim 8, wherein the tool (12) is an injection needle.
11. The device as claimed in claim 9, wherein the tool

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holder (21) has means (23, 24, 25) for driving the tool (26) in rotation.